EAST Search History *(15 pp.)*

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	5	"662445".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 15:12
L4	3505	((257/290) or (257/291) or (257/428) or (257/431) or (257/445) or (348/311) or (348/314)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 15:13
L5	683	4 and (image imager imaging).ti, ab,clm. and (photoconversion photodiode photogate (photo adj gate) (photo adj diode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 15:15
L6	7	4 and (image imager imaging).ti, ab,clm. and (photoconversion photodiode photogate (photo adj gate) (photo adj diode)) and (reset resetting) near10 (transfer transferring) and (blur$4 ghost)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 15:21
L7	2	4 and (image imager imaging).ti, ab,clm. and (photoconversion photodiode photogate (photo adj gate) (photo adj diode)) and (reset resetting) near10 (transfer transferring).ti,ab,clm. and (blur$4 ghost)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 15:21
S1	2	"750843".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 11:16
S2	2	("6140630").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/01 10:45
S4	8	charge adj sweep and image adj lag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 14:41
S5	2	("6064053").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/01 10:45

EAST Search History

S6	10	(US-5652622-$ or US-5528643-$ or US-5500383-$ or US-5436476-$ or US-5369039-$ or US-5182623-$ or US-5043817-$ or US-4875101-$ or US-6064053-$).did. or (US-6064053-$).did.	USPAT; DERWENT	OR	OFF	2005/06/01 11:14
S8	7	S6 and reset and transfer adj gate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/01 11:16
S9	2	(improved enhanced) near3 band adj width near3 fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/01 16:54
S10	2	band adj width near3 fiber.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/01 17:05
S11	5	band adj width near8 fiber.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/01 17:05
S12	335	(348/311).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/02 14:45
S13	158	(348/314).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/02 14:45
S14	2	S13 and reset and image adj lag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/31 13:49
S15	592	array near2 pixel near4 cell	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/02 16:13

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S16	153	array near2 pixel near4 cell.ti,ab, clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/02 16:16
S17	8	array near2 pixel near4 cell.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/02 16:34
S18	3	"750843".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/30 15:29
S19	1	(US-20050145900-$).did.	US-PGPUB	OR	OFF	2005/07/30 16:24
S20	12	(US-20050145900-$).did. or (US-4875101-$ or US-5043817-$ or US-5122850-$ or US-5182623-$ or US-5369039-$ or US-5436476-$ or US-5500383-$ or US-5528643-$ or US-5652622-$ or US-6064053-$).did. or (US-6064053-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/07/30 16:25
S21	12	(("6140630") or ("6376868") or ("6310366") or ("6326652") or ("6204524") or ("6333205")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/30 16:30
S22	0	mondt.xa. and rhodes.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/30 16:46
S23	3	source adj follower and reset adj transistor and charge adj accumulation adj region and (photodiode photo adj diode) and ghost adj image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/30 17:05
S24	160	source adj follower and reset adj transistor and charge adj accumulation adj region and (photodiode photo adj diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/30 16:58
S25	7	source adj follower and reset adj transistor and (photodiode photo adj diode) and ghost adj image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/30 17:06

EAST Search History

S26	202	source adj follower and reset and (photodiode photo adj diode) and imag$3 near3 lag$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/30 17:19
S27	5	mondt.xa. and source adj follower	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/30 17:19

| S28 | 106 | (US-20050145900-$ or
US-20010050382-$ or
US-20010012225-$ or
US-20030138985-$ or
US-20030137025-$ or
US-20030136982-$ or
US-20030089929-$ or
US-20030045020-$ or
US-20030042511-$ or
US-20030042509-$ or
US-20030042500-$ or
US-20030042488-$ or
US-20030138990-$ or
US-20030141526-$ or
US-20030148570-$ or
US-20030169360-$ or
US-20030173572-$ or
US-20030176009-$ or
US-20030180982-$ or
US-20030205741-$ or
US-20030205773-$ or
US-20030210334-$ or
US-20040046104-$ or
US-20040051123-$ or
US-20040053436-$ or
US-20040080646-$).did. or
(US-20040080648-$ or
US-20040104412-$ or
US-20040150736-$ or
US-20040164225-$ or
US-20040174449-$ or
US-20040174450-$ or
US-20040178323-$ or
US-20040195600-$ or
US-20040232456-$ or
US-20040235216-$ or
US-20040251394-$ or
US-20040252211-$ or
US-20040253761-$ or
US-20050001248-$ or
US-20050012124-$ or
US-20050017277-$ or
US-20050032281-$ or
US-20050059177-$ or
US-20050059180-$ or
US-20050077554-$ or
US-20050082582-$ or
US-20050087780-$ or
US-20050093038-$ or
US-20050106773-$ or
US-20050112789-$ or
US-20050121708-$ or
US-20050145906-$).did. or
(US-4875101-$ or US-5043817-$
or US-5122850-$ or US-5182623-$
or US-5369039-$ or US-5436476-$
or US-5500383-$ or US-5528643-$
or US-5552622-$ or US-5964953-$ | US-PGPUB;
USPAT;
DERWENT | OR | OFF | 2005/07/30 17:21 |

EAST Search History

S29	1	S28 and accumulat$3 near2 charge.clm. and storing.clm. and reading.clm. and (remove removing emptying) near4 (remaining remain residual).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/07/30 17:24
S30	1	S28 and (collect$3 accumulat$3) near2 charge.clm. and storing.clm. and reading.clm. and (remove removing emptying) near4 (remaining remain residual).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/07/30 17:24
S31	1	S28 and (collect$3 accumulat$3) near2 charge.clm. and (store storing).clm. and reading.clm. and (remove removing emptying) near4 (remaining remain residual). clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/07/30 17:25
S32	1	S28 and (collect$3 accumulat$3) near2 charge.clm. and (store storing storage).clm. and reading. clm. and (remove removing emptying) near4 (remaining remain residual).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/07/30 17:25
S33	1	S28 and (collect$3 accumulat$3) near2 charge.clm. and (store storing storage).clm. and (read reading).clm. and (remove removing emptying) near4 (remaining remain residual).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/30 17:25
S34	1	S28 and (collect$3 accumulat$3) near2 charge.clm. and (store storing storage).clm. and (read reading).clm. and (remove removing emptying sweep sweeping) near4 (remaining remain residual).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/30 17:25
S35	3	S28 and (collect$3 accumulat$3) near2 charge.clm. and (store storing storage).clm. and (read reading).clm. and (remove removing emptying sweep sweeping).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/30 17:26
S36	174	hynecek.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/30 17:31
S37	4	(ccd cid imager).ti,ab,clm. and ghost near1 image and (residu remaining residual remnant) near3 (remove sweep removing sweeping)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/30 17:34

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S38	78	(ccd cid imager imaging).ti,ab,clm. and (lag lagging ghost) near2 image and (residu remaining residual remnant) near3 (remove sweep removing sweeping)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/30 17:36
S39	14	(ccd cid imager imaging).ti,ab,clm. and (lag lagging ghost) near2 image and (residu remaining residual remnant) near3 (remove sweep removing sweeping) and semiconductor and photodiode	US-PGPUB; USPAT; DERWENT	OR	ON	2005/07/30 17:36
S40	6	"244723".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/31 13:23
S41	469	((348/311) or (348/314)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/07/31 13:49
S42	12	reset adj transistor and photoconversion and floating adj diffusion and imager and (ghost adj image image adj lag)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/31 13:55
S43	0	accumulat$3 near2 charge near20 stor$3 near20 read$3 near20 remov$3 near20 (remaining residual residu)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/31 15:08
S44	0	accumulat$3 near20 charge near20 stor$3 near20 read$3 near20 remov$3 near20 (remaining residual residu)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/31 15:08
S45	7	charge near20 stor$3 near20 read$3 near20 remov$3 near20 (remaining residual residu)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/31 15:28
S46	2	("6064053").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/31 15:40
S47	0	S46 and reset adj transistor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/31 15:40

S48	84	reset near4 transistor and (remain$3 residual residu) near3 charge and imager	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/31 15:42
S49	77	reset near3 transistor and (remain$3 residual residu) near3 charge and imager	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/31 16:14
S50	2	("6140630").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/31 16:21
S51	2	("6376868").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/31 16:21

| S52 | 109 | (US-20010012225-$ or US-20010050382-$ or US-20030042488-$ or US-20030042500-$ or US-20030042509-$ or US-20030042511-$ or US-20030045020-$ or US-20030052349-$ or US-20030089929-$ or US-20030136982-$ or US-20030137025-$ or US-20030138985-$ or US-20030138990-$ or US-20030141526-$ or US-20030148570-$ or US-20030169360-$ or US-20030173572-$ or US-20030176009-$ or US-20030180982-$ or US-20030205741-$ or US-20030205773-$ or US-20030210334-$ or US-20040046104-$ or US-20040051123-$ or US-20040053436-$ or US-20040080646-$).did. or (US-20040080648-$ or US-20040104412-$ or US-20040150736-$ or US-20040164225-$ or US-20040174449-$ or US-20040174450-$ or US-20040178323-$ or US-20040195600-$ or US-20040232456-$ or US-20040235216-$ or US-20040251394-$ or US-20040252211-$ or US-20040253761-$ or US-20050001248-$ or US-20050012124-$ or US-20050017277-$ or US-20050032281-$ or US-20050059177-$ or US-20050059180-$ or US-20050077554-$ or US-20050082582-$ or US-20050087780-$ or US-20050093038-$ or US-20050106773-$ or US-20050112789-$ or US-20050121708-$ or US-20050145900-$).did. or (US-20050145906-$ or US-20050083421-$ or US-20020190287-$).did. or (US-4875101-$ or US-5043817-$ or US-5122850-$ or US-5182623-$ | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/31 16:27 |

EAST Search History

S53	0	("10andmethodadj2(operatingusing)").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/31 16:28
S54	9	S52 and method adj2 (operating using)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/31 16:28
S55	2	("6326230").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/31 17:52
S56	2	S55 and (anti-blooming anti adj blooming)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/31 17:52

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| S57 | 109 | (US-20010012225-$ or US-20010050382-$ or US-20030042488-$ or US-20030042500-$ or US-20030042509-$ or US-20030042511-$ or US-20030045020-$ or US-20030052349-$ or US-20030089929-$ or US-20030136982-$ or US-20030137025-$ or US-20030138985-$ or US-20030138990-$ or US-20030141526-$ or US-20030148570-$ or US-20030169360-$ or US-20030173572-$ or US-20030176009-$ or US-20030180982-$ or US-20030205741-$ or US-20030205773-$ or US-20030210334-$ or US-20040046104-$ or US-20040051123-$ or US-20040053436-$ or US-20040080646-$).did. or (US-20040080648-$ or US-20040104412-$ or US-20040150736-$ or US-20040164225-$ or US-20040174449-$ or US-20040174450-$ or US-20040178323-$ or US-20040195600-$ or US-20040232456-$ or US-20040235216-$ or US-20040251394-$ or US-20040252211-$ or US-20040253761-$ or US-20050001248-$ or US-20050012124-$ or US-20050017277-$ or US-20050032281-$ or US-20050059177-$ or US-20050059180-$ or US-20050077554-$ or US-20050082582-$ or US-20050087780-$ or US-20050093038-$ or US-20050106773-$ or US-20050112789-$ or US-20050121708-$ or US-20050145900-$).did. or (US-20050145906-$ or US-20050083421-$ or US-20020190287-$).did. or (US-4875101-$ or US-5043817-$ or US-5122850-$ or US-5182623-$ | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/31 18:25 |

S58	78	S57 and rhodes.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/31 18:26
S59	1004	photogate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/31 19:08
S60	28	photogate.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/31 19:08
S61	2	reset near6 (removing remove removal) near6 (residual remaining remain) near6 charge and (ghost adj image (image near1 (lag lagging))) and photodiode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 14:29
S62	0	reset near6 (removing remove removal) near6 (residual remaining remain) near6 charge and (ghost adj image (image near1 (lag lagging))) and photodiode and reset adj transistor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 14:31
S63	2	reset near6 (removing remove removal) near6 (residual remaining remain) near6 charge and (photo adj diode photodiode) and reset adj transistor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 14:31
S64	0	reset adj transistor near8 (removing remove removal) near8 (residual remaining remain) near8 charge near8 transfer adj transistor and (photo adj diode photodiode) and reset adj transistor and transfer adj transistor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 14:33
S65	0	reset adj transistor near12 (removing remove removal) near12 (residual remaining remain) near12 charge near12 transfer adj transistor and (photo adj diode photodiode) and reset adj transistor and transfer adj transistor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 14:33

S66	1	reset adj transistor with (removing remove removal) near12 (residual remaining remain) near12 charge with transfer adj transistor and (photo adj diode photodiode) and reset adj transistor and transfer adj transistor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 14:47
S67	70	transfer adj thyristor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 14:48
S68	2	transfer adj thyristor near4 switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 15:06
S69	27	method near2 operating near4 (pixel adj cell).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 15:30
S70	2	"6326230".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 16:28
S71	3	snap adj shot and reset adj transistor and (image adj lag ghost adj image)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 16:29
S72	3351	((348/311) or (348/314) or (257/290) or (257/291) or (257/428) or (257/431) or (257/445)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/07 15:22
S73	67	S72 and (ghost adj image image adj lag$4) and reset and transfer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/07 15:48
S74	66	S72 and (ghost adj image image adj lag$4) and reset and transfer and transistor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/07 15:56

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S75	94	S72 and reset.ti,ab,clm. and transfer.ti,ab,clm. and transistor.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/07 15:58
S76	39	S72 and reset.ti,ab,clm. and ((read$3 transfer) near2 transistor).ti,ab,clm. and reset near1 transistor.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/07 15:59
S77	33	S72 and reset.ti,ab,clm. and ((read$3 transfer) near2 transistor).ti,ab,clm. and reset near1 transistor.ti,ab,clm. and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/07 16:06
S78	32	S72 and reset.ti,ab,clm. and ((read$3 transfer) near2 transistor).ti,ab,clm. and reset near1 transistor.ti,ab,clm. and @ad<"20040106" and reset and transfer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/07 16:06
S79	14	"6326230"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 11:16
S80	2	("6326230").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 11:16
S81	4	("6046466").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 12:19
S82	12	reset near4 "before" near4 integration adj period and photodiode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 12:29
S83	1	reset near8 "before" near8 integration adj period near8 transfer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/12 12:29

EAST Search History

S84	1	reset near8 "before" near8 integration adj period near8 transfer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 12:54
S85	1	agan.in. and photoconversion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 14:35